MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1935

J. A. BROWN, DIRECTOR

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FEBRUARY 1935
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.3	55.5	56.5	55.8	15.3	12.4	13.9	14.7	13.0	13.9
2	7.2	4.8	3.5	5.2	14.4	9.4	11.3	14.4	8.8	11.5
3	49.2	47.3	50.0	48.8	13.3	8.5	9.4	8.8	11.6	9.9
4	8.1	9.9	1.7	9.9	14.6	7.8	11.6	13.0	9.3	11.3
5	60.5	62.4	63.1	62.0	13.5	5.8	10.3	13.3	11.6	11.7
6	63.7	63.1	63.4	63.4	16.4	10.1	12.7	16.1	12.6	13.8
7	2.7	1.5	2.5	2.2	16.8	10.7	12.8	16.1	13.3	14.1
8	5.7	5.9	6.0	5.9	17.7	11.9	14.2	16.9	13.8	15.0
9	5.1	3.9	3.3	4.1	18.3	12.2	13.6	17.7	14.3	15.2
10	3.5	2.2	2.1	2.6	17.8	13.3	15.5	16.9	15.6	16.0
11	61.8	61.1	61.0	61.3	21.2	15.2	17.3	20.9	18.9	19.0
12	59.7	59.2	57.0	58.6	24.2	17.2	18.0	19.8	18.3	18.7
13	4.8	3.2	5.6	4.5	26.7	18.1	19.6	21.2	18.1	19.6
14	7.1	7.6	9.5	8.1	14.9	11.3	11.5	13.7	11.4	12.2
15	60.3	60.0	62.0	60.8	14.9	9.3	10.3	13.0	12.7	12.0
16	63.2	62.8	62.3	62.8	16.1	10.2	14.3	14.9	13.4	14.2
17	59.8	0.5	2.4	0.9	15.9	9.8	14.0	11.4	11.5	12.3
18	63.2	3.2	3.3	3.2	17.4	9.5	12.9	16.7	15.6	15.1
19	3.2	1.6	0.8	1.9	17.2	11.9	13.9	16.7	14.0	14.9
20	58.3	58.3	59.3	58.6	14.3	13.1	13.7	12.9	12.7	13.1
21	60.7	60.7	62.0	61.1	14.8	9.9	12.7	11.8	11.1	11.9
22	3.6	3.7	5.0	4.1	16.7	8.8	11.2	16.4	12.1	13.2
23	6.0	5.6	6.5	6.0	17.4	10.5	13.6	17.2	13.0	14.6
24	5.9	5.0	4.9	5.3	17.8	11.8	15.8	17.4	12.9	15.4
25	2.1	58.2	59.0	59.8	18.1	11.5	14.5	16.8	14.5	15.3
26	60.8	62.0	64.7	62.5	17.8	10.2	13.5	17.6	14.9	15.3
27	6.7	6.4	6.3	6.5	18.3	11.6	15.7	17.8	15.8	16.4
28	5.7	5.2	5.8	5.6	19.2	12.1	15.4	18.2	14.0	15.9
	760.85	760.39	761.05	760.77	17.18	11.22	13.69	15.80	13.53	14.34

Barometer, range for month 747.3 mm. –766.5 mm.
,, 50-yr. average for month 762.300 mm.
Thermometer, Range for month 5.8—26.7 C°.
,, 50-yr. average for month 14.32 C°.
Rain, total for month 223.39 mm.
,, , 50-yr. average for month 150.88 mm.
,, , total, Sept. 1st to end of month 772.67 mm.
50-yr. average, Sept. 1st to end of month 727.72 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	9.7	11.0	9.7	6.9	7.9	7.3	7.4	59	63	65	62	1.3	0.76
2	10.0	11.1	8.6	8.4	8.1	8.0	8.2	84	66	94	81	0.7	30.48
3	8.9	8.6	9.8	8.2	8.0	8.1	8.1	94	94	79	89	0.0	61.09
4	10.3	7.2	6.8	8.5	5.1	6.1	6.6	85	47	70	67	3.0	15.75
5	5.6	9.4	9.0	4.8	6.9	7.2	6.3	51	61	70	61	6.2	
6	10.6	12.7	10.5	8.3	9.0	8.3	8.5	75	66	77	73	0.5	3.56
7	11.0	12.0	11.6	8.7	8.3	9.2	8.7	80	60	81	74	5.7	
8	11.6	13.8	12.4	8.7	10.0	9.8	9.5	73	70	84	76	8.0	
9	10.6	13.2	12.1	8.0	8.9	9.3	8.7	68	59	77	68	4.1	
10	12.8	14.1	13.7	9.5	10.3	10.5	10.1	72	72	80	75	0.2	
11	14.4	15.9	15.9	10.4	10.5	11.5	10.8	72	57	71	67	0.0	
12	14.8	17.1	15.7	10.5	12.6	11.5	11.5	68	73	74	72	2.3	
13	16.1	16.9	14.7	11.4	11.7	10.4	11.2	67	62	68	66	0.0	
14	10.4	11.9	10.4	8.7	9.3	8.8	8.9	87	80	88	85	0.3	26.54
15	9.9	10.2	10.2	8.9	7.8	7.9	8.2	95	70	72	79	1.3	20.32
16	11.5	11.8	10.3	8.6	8.6	7.8	8.3	71	68	68	69	3.0	2.03
17	10.7	10.8	9.6	9.1	9.3	7.8	8.7	65	92	77	78	0.0	18.28
18	10.4	13.4	12.8	8.1	9.5	9.4	9.0	73	68	72	71	4.1	
19	12.6	13.6	11.1	10.1	9.8	8.3	9.4	84	69	69	74	5.2	7.12
20	12.2	12.4	11.9	9.7	10.5	9.9	10.0	83	95	91	90	0.0	13.84
21	10.8	10.8	10.3	8.6	9.0	8.8	8.8	79	88	90	86	0.0	11.94
22	10.1	13.1	10.1	8.6	9.3	8.1	8.7	86	67	77	77	3.1	4.83
23	12.1	14.3	11.0	9.7	10.4	8.7	9.6	84	71	78	78	3.7	1.52
24	12.7	13.7	11.0	9.1	9.5	8.7	9.1	68	64	78	70	6.3	
25	11.2	13.8	12.6	8.1	10.0	9.8	9.3	66	71	79	72	5.2	1.65
26	11.8	13.9	12.7	9.4	9.7	9.7	9.6	81	66	77	75	7.3	3.68
27	12.7	14.8	12.9	9.2	10.7	9.3	9.7	70	71	70	70	6.8	
28	12.7	14.6	13.1	9.3	10.2	10.7	10.1	71	65	90	75	8.5	
				8.84	9.32	8.96	9.04	75.4	69.8	77.4	74.3	3.1	7.97

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
ry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
tim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
0-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	5stcu	8stcu	10ni	7.7	5e	5e	3e	550.4	rough	
2	5stcu	10stcu	10ni	8.3	2sw	0	0	278.4	stormy	
3	10ni	10ni	10ni	10.0	0	0	2w	891.5	light	
4	10st	4cu	10ni	8.0	5sw	8sw	8sw	824.0	v. rough	hail in the evening
5	8stcu	4stcu	7stcu	6.3	3w	0	0	518.2	stormy	
6	10ni	4stcu	0	4.7	0	0	0	164.1	slight	
7	6stcu	5stcu	0	3.7	0	0	0	88.5	„	
8	0	2cu	0	0.7	0	1sw	0	72.4	light	haze
9	9st	10st	4st	7.7	0	0	0	117.5	calm	
10	9st	10stcu	10ni	9.7	0	0	1w	131.9	„	traces of rain
11	10ni	10stcu	10stcu	10.0	0	3sw	2nw	199.0	light	
12	10stcu	10stcu	3stcu	7.7	0	1ne	0	117.5	„	
13	10stcu	10stcu	10ni	10.0	1sw	3se	3s	494.1	„	traces of rain
14	10ni	8ni	10ni	9.3	3sw	4sw	3sw	510.2	stormy	
15	10ni	7ni	8ni	8.3	1sw	4w	4sw	442.5	„	
16	3cu	10cu	5cu	6.0	0	4sw	3sw	407.1	slight	
17	10ni	10ni	8ni	9.3	6sw	4sw	2sw	665.1	stormy	gale
18	2st	2stcu	10cu	4.7	1sw	2sw	2sw	294.5	„	
19	8ni	5ci	5cu	6.0	2s	3nw	3w	407.1	mod.	
20	10ni	10ni	10ni	10.0	5sw	1sw	3w	246.2	„	
21	9stcu	9ni	10ni	9.3	1sw	0	0	136.8	mod.	
22	7ni	7cu	4cu	6.0	0	2nw	1nw	109.4	slight	
23	9ni	3cu	0	4.0	1sw	0	0	85.3	light	
24	9stcu	2cu	0	3.7	0	0	0	93.3	„	
25	1cu	8stcu	10ni	6.3	0	4sw	2sw	222.1	mod.	th.'st. in the even'g
26	5stcu	1cu	1cu	2.3	0	1sw	1sw	149.0	stormy	
27	1cu	4stcu	3cu	2.7	0	1nw	0	121.2	mod.	
28	0	0	1cu	0.3	1w	1w	0	212.4	slight	dew at night
					37	52	43			
					1.3	1.9	1.5	305.34		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	2	0	1	10	1	0	14	28
14:30	0	2	1	1	0	9	2	3	10	28
20:30	0	0	1	0	1	8	4	2	12	28
Totals	0	2	4	1	2	27	7	5	36	84

Number of days with rain 16, fog 0, thunderstorms 1, gales 1.

50-yr. average number of days with rain during month 13.6